UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

00441

7590

04/05/2006

SMITH, GAMBRELL & RUSSELL, LLP 1850 M STREET, N.W., SUITE 800 WASHINGTON, DC 20036 EXAMINER

LEPISTO, RYAN A

ART UNIT PAPER NUMBER

2883

DATE MAILED: 04/05/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/631,961	08/01/2003	Kiyoshi Kato	33035M129	2527

TITLE OF INVENTION: OPTICAL MODULE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	07/05/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

SMITH, GAMBRELL & RUSS 1850 M STREET, N.W., SUITE 80 WASHINGTON, DC 20036 APPLICATION NO. FILING DATE 10/631,961 08/01/2003 TITLE OF INVENTION: OPTICAL MODULE APPLN. TYPE SMALL ENTITY nonprovisional NO EXAMINER LEPISTO, RYAN A 1. Change of correspondence address or indication CFR 1.363). Change of correspondence address (or Chanddress form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address PTO/SB/47; Rev 03-02 or more recent) attack Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA PLEASE NOTE: Unless an assignee is ident recordation as set forth in 37 CFR 3.11. Comp (A) NAME OF ASSIGNEE	SSUE \$14 ART U 288 n of "Fee Address" (37 nge of Correspondence	JNIT 83 2. For prin (1) the na or agents (2) the nar	D INVENTOR hi Kato PUBLICAT \$30 CLASS-SU 385-09 hting on the pater mes of up to 3 r OR, alternatively	TON FEE DO BCLASS 3000 It front page, 1 registered pater		ng deposited with the United inst class mail in an envelope s above, or being facsimile date indicated below. (Depositor's name) (Signature) (Date) CONFIRMATION NO. 2527 DATE DUE 07/05/2006
10/631,961 08/01/2003 TITLE OF INVENTION: OPTICAL MODULE APPLN. TYPE SMALL ENTITY nonprovisional NO EXAMINER LEPISTO, RYAN A 1. Change of correspondence address or indication CFR 1.363). Change of correspondence address (or Chanddress form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address PTO/SB/47; Rev 03-02 or more recent) attack Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA PLEASE NOTE: Unless an assignee is ident recordation as set forth in 37 CFR 3.11. Compared to the	\$14 ART U 288 n of "Fee Address" (37 nge of Correspondence " Indication form	Kiyosl FEE H00 JNIT 83 2. For prin (1) the na or agents (2) the na	PUBLICAT \$30 CLASS-SU 385-09 nting on the pater mes of up to 3 r OR, alternatively	BCLASS 3000 It front page, 1 registered pate	33035M129 TOTAL FEE(S) DUE \$1700	(Signature) (Date) CONFIRMATION NO. 2527 DATE DUE 07/05/2006
10/631,961 08/01/2003 TITLE OF INVENTION: OPTICAL MODULE APPLN. TYPE SMALL ENTITY nonprovisional NO EXAMINER LEPISTO, RYAN A 1. Change of correspondence address or indication CFR 1.363). Change of correspondence address (or Chanddress form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address PTO/SB/47; Rev 03-02 or more recent) attack Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA PLEASE NOTE: Unless an assignee is ident recordation as set forth in 37 CFR 3.11. Compared to the	\$14 ART U 288 n of "Fee Address" (37 nge of Correspondence " Indication form	Kiyosl FEE H00 JNIT 83 2. For prin (1) the na or agents (2) the na	PUBLICAT \$30 CLASS-SU 385-09 nting on the pater mes of up to 3 r OR, alternatively	BCLASS 3000 It front page, 1 registered pate	33035M129 TOTAL FEE(S) DUE \$1700	(Date) CONFIRMATION NO. 2527 DATE DUE 07/05/2006
In 10/631,961 08/01/2003 TITLE OF INVENTION: OPTICAL MODULE APPLN. TYPE SMALL ENTITY nonprovisional NO EXAMINER LEPISTO, RYAN A 1. Change of correspondence address or indication CFR 1.363). Change of correspondence address (or Change of C	\$14 ART U 288 n of "Fee Address" (37 nge of Correspondence " Indication form	Kiyosl FEE H00 JNIT 83 2. For prin (1) the na or agents (2) the na	PUBLICAT \$30 CLASS-SU 385-09 nting on the pater mes of up to 3 r OR, alternatively	BCLASS 3000 It front page, 1 registered pate	33035M129 TOTAL FEE(S) DUE \$1700	CONFIRMATION NO. 2527 DATE DUE 07/05/2006
In 10/631,961 08/01/2003 TITLE OF INVENTION: OPTICAL MODULE APPLN. TYPE SMALL ENTITY nonprovisional NO EXAMINER LEPISTO, RYAN A 1. Change of correspondence address or indication CFR 1.363). Change of correspondence address (or Change of C	\$14 ART U 288 n of "Fee Address" (37 nge of Correspondence " Indication form	Kiyosl FEE H00 JNIT 83 2. For prin (1) the na or agents (2) the na	PUBLICAT \$30 CLASS-SU 385-09 nting on the pater mes of up to 3 r OR, alternatively	BCLASS 3000 It front page, 1 registered pate	33035M129 TOTAL FEE(S) DUE \$1700	2527 DATE DUE 07/05/2006
APPLN. TYPE SMALL ENTITY nonprovisional NO EXAMINER LEPISTO, RYAN A 1. Change of correspondence address or indication CFR 1.363). Change of correspondence address (or Chanddress form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address PTO/SB/47; Rev 03-02 or more recent) attact Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA PLEASE NOTE: Unless an assignee is ident recordation as set forth in 37 CFR 3.11. Comp (A) NAME OF ASSIGNEE Please check the appropriate assignee category or 4a. The following fee(s) are enclosed: Issue Fee	\$14 ART U 288 n of "Fee Address" (37 nge of Correspondence " Indication form	JNIT 83 2. For prin (1) the na or agents (2) the nar	PUBLICAT \$30 CLASS-SUI 385-09 nting on the pater mes of up to 3 r OR, alternatively	BCLASS 3000 It front page, 1 registered pate	TOTAL FEE(S) DUE \$1700	DATE DUE 07/05/2006
APPLN. TYPE SMALL ENTITY nonprovisional NO EXAMINER LEPISTO, RYAN A 1. Change of correspondence address or indication CFR 1.363). Change of correspondence address (or Chanddress form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address PTO/SB/47; Rev 03-02 or more recent) attack Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA PLEASE NOTE: Unless an assignee is ident recordation as set forth in 37 CFR 3.11. Compared (A) NAME OF ASSIGNEE Please check the appropriate assignee category or 4a. The following fee(s) are enclosed: Issue Fee	\$14 ART U 288 n of "Fee Address" (37 nge of Correspondence " Indication form	2. For prin (1) the na or agents (2) the nar	\$30 CLASS-SUI 385-09 nting on the pater mes of up to 3 r OR, alternatively	BCLASS 3000 It front page, 1 registered pate	\$1700	07/05/2006
nonprovisional NO EXAMINER LEPISTO, RYAN A 1. Change of correspondence address or indication CFR 1.363). Change of correspondence address (or Chanddress form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address PTO/SB/47; Rev 03-02 or more recent) attack Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA PLEASE NOTE: Unless an assignee is ident recordation as set forth in 37 CFR 3.11. Compared (A) NAME OF ASSIGNEE Please check the appropriate assignee category or 4a. The following fee(s) are enclosed: Issue Fee	\$14 ART U 288 n of "Fee Address" (37 nge of Correspondence " Indication form	2. For prin (1) the na or agents (2) the nar	\$30 CLASS-SUI 385-09 nting on the pater mes of up to 3 r OR, alternatively	BCLASS 3000 It front page, 1 registered pate	\$1700	07/05/2006
nonprovisional NO EXAMINER LEPISTO, RYAN A 1. Change of correspondence address or indication CFR 1.363). Change of correspondence address (or Chanddress form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address PTO/SB/47; Rev 03-02 or more recent) attack Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA PLEASE NOTE: Unless an assignee is ident recordation as set forth in 37 CFR 3.11. Compared (A) NAME OF ASSIGNEE Please check the appropriate assignee category or 4a. The following fee(s) are enclosed: Issue Fee	\$14 ART U 288 n of "Fee Address" (37 nge of Correspondence " Indication form	2. For prin (1) the na or agents (2) the nar	\$30 CLASS-SUI 385-09 nting on the pater mes of up to 3 r OR, alternatively	BCLASS 3000 It front page, 1 registered pate	\$1700	07/05/2006
nonprovisional NO EXAMINER LEPISTO, RYAN A 1. Change of correspondence address or indication CFR 1.363). Change of correspondence address (or Chanddress form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address PTO/SB/47; Rev 03-02 or more recent) attack Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA PLEASE NOTE: Unless an assignee is ident recordation as set forth in 37 CFR 3.11. Compared (A) NAME OF ASSIGNEE Please check the appropriate assignee category or 4a. The following fee(s) are enclosed: Issue Fee	\$14 ART U 288 n of "Fee Address" (37 nge of Correspondence " Indication form	2. For prin (1) the na or agents (2) the nar	\$30 CLASS-SUI 385-09 nting on the pater mes of up to 3 r OR, alternatively	BCLASS 3000 It front page, 1 registered pate	\$1700	07/05/2006
LEPISTO, RYAN A 1. Change of correspondence address or indication CFR 1.363). Change of correspondence address (or Chanddress form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address PTO/SB/47; Rev 03-02 or more recent) attack Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA PLEASE NOTE: Unless an assignee is ident recordation as set forth in 37 CFR 3.11. Comp (A) NAME OF ASSIGNEE Please check the appropriate assignee category or 4a. The following fee(s) are enclosed: Issue Fee	ART U 288 n of "Fee Address" (37 nge of Correspondence	2. For prin (1) the nator agents (2) the nat	385-09 nting on the pater mes of up to 3 r OR, alternatively	BCLASS 3000 nt front page, l	list	
LEPISTO, RYAN A 1. Change of correspondence address or indication CFR 1.363). Change of correspondence address (or Chanddress form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address PTO/SB/47; Rev 03-02 or more recent) attack Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATAPLEASE NOTE: Unless an assignee is ident recordation as set forth in 37 CFR 3.11. Comp (A) NAME OF ASSIGNEE Please check the appropriate assignee category or 4a. The following fee(s) are enclosed: Issue Fee	288 n of "Fee Address" (37 nge of Correspondence " Indication form	2. For print (1) the nation agents (2) the national (2) the national (2) the national (3) (4) (5) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6	385-09 nting on the pater mes of up to 3 r OR, alternatively	3000 nt front page, l		
1. Change of correspondence address or indication CFR 1.363). Change of correspondence address (or Chanddress form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address PTO/SB/47; Rev 03-02 or more recent) attach Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA PLEASE NOTE: Unless an assignee is ident recordation as set forth in 37 CFR 3.11. Comp (A) NAME OF ASSIGNEE	n of "Fee Address" (37 nge of Correspondence	2. For prin (1) the nator agents (2) the nat	nting on the pater mes of up to 3 r OR, alternatively	nt front page, l		
CFR 1.363). Change of correspondence address (or Cha Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address PTO/SB/47; Rev 03-02 or more recent) attack Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA PLEASE NOTE: Unless an assignee is ident recordation as set forth in 37 CFR 3.11. Comp (A) NAME OF ASSIGNEE Please check the appropriate assignee category or 4a. The following fee(s) are enclosed: Issue Fee	nge of Correspondence	(1) the nator agents (2) the nat	mes of up to 3 r OR, alternatively	egistered pate		
☐ Change of correspondence address (or Cha Address form PTO/SB/122) attached. ☐ "Fee Address" indication (or "Fee Address PTO/SB/47; Rev 03-02 or more recent) attach Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA PLEASE NOTE: Unless an assignee is ident recordation as set forth in 37 CFR 3.11. Comp (A) NAME OF ASSIGNEE Please check the appropriate assignee category or 4a. The following fee(s) are enclosed: ☐ Issue Fee	" Indication form	or agents (2) the nai	OR, alternatively		ent attorneys 1	
□ "Fee Address" indication (or "Fee Address PTO/SB/47; Rev 03-02 or more recent) attact Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA PLEASE NOTE: Unless an assignee is ident recordation as set forth in 37 CFR 3.11. Comp (A) NAME OF ASSIGNEE Please check the appropriate assignee category or 4a. The following fee(s) are enclosed: □ Issue Fee	" Indication form	(2) the nai	•	up to 3 registered patent attorneys		
PIO/SB/4/; Rev 03-02 or more recent) attack Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA PLEASE NOTE: Unless an assignee is ident recordation as set forth in 37 CFR 3.11. Comp (A) NAME OF ASSIGNEE Please check the appropriate assignee category or 4a. The following fee(s) are enclosed: Issue Fee	" Indication form	registered	me of a single fir	, rm (having as	a member a 2	
PLEASE NOTE: Unless an assignee is ident recordation as set forth in 37 CFR 3.11. Comp (A) NAME OF ASSIGNEE Please check the appropriate assignee category or 4a. The following fee(s) are enclosed: Issue Fee	ed. Use of a Customer	2 registere	attorney or agen ed patent attorney name will be prin	it) and the nar	nes of up to	
Please check the appropriate assignee category or 4a. The following fee(s) are enclosed: Issue Fee	A TO BE PRINTED ON	THE PATENT	Γ (print or type)			
(A) NAME OF ASSIGNEE Please check the appropriate assignee category or 4a. The following fee(s) are enclosed: Issue Fee	ified below, no assigned eletion of this form is No	e data will app OT a substitute	ear on the paten for filing an assi	t. If an assig	nee is identified below, the	document has been filed for
4a. The following fee(s) are enclosed: Issue Fee			ENCE: (CITY and	_	COUNTRY)	
4a. The following fee(s) are enclosed: Issue Fee						
4a. The following fee(s) are enclosed: Issue Fee						П
☐ Issue Fee	categories (will not be p	printed on the p	patent):	lividual U C	Corporation or other private gr	roup entity Government
	4	4b. Payment of	` '			
Publication Fee (No small entity discount is			in the amount of			
Advance Order - # of Copies	permitted)		by credit card. F		8 is attached. arge the required fee(s), or cre	edit any overnavment to
— Navance order - n or copies		Deposit A	Account Number		(enclose an ext	tra copy of this form).
5. Change in Entity Status (from status indicated	,	—				
☐ a. Applicant claims SMALL ENTITY state The Director of the USPTO is requested to apply					LL ENTITY status. See 37 C	
The Director of the USPTO is requested to apply NOTE: The Issue Fee and Publication Fee (if req interest as shown by the records of the United Sta	uired) will not be accept tes Patent and Trademan	ted from anyone rk Office.	e other than the a	pplicant; a reg	gistered attorney or agent; or t	the assignee or other party ir
Authorized Signature			_	Date		
Typed or printed name					No	
This collection of information is required by 37 Can application. Confidentiality is governed by 35 submitting the completed application form to the this form and/or suggestions for reducing this but						· · · · · · · · · · · · · · · · · · ·

Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspio.gov

APPLICATION N). F	ILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/631,961		08/01/2003	Kiyoshi Kato	33035M129	2527		
00441	7590	04/05/2006	· ·	EXAM	INER		
SMITH, GAMBRELL & RUSSELL, LLP				LEPISTO,	LEPISTO, RYAN A		
1850 M STREET, N.W., SUITE 800			,	ART UNIT	PAPER NUMBER		
WASHINGT	SHINGTON, DC 20036			2883 DATE MAIL ED: 04/05/200	4		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 43 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 43 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.